

FORM PTO-1390  
(REV. 5-93)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

KAS-207

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

**10/500032**

International Application No.

PCT/JP03/10686

International Filing Date

August 25, 2003

Priority Date Claimed

August 26, 2002

Title of Invention **SIGNAL PROCESSING SYSTEM FOR CONSTRUCTION MACHINE**Applicant(s) for DO/EO/US **K. NAKAMURA et al (see attached)**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

**[X] LIST OF INVENTORS' NAMES AND ADDRESSES.**

U.S. Application No. (if known) <b>32</b> International Application No. <b>10/500032</b> PCT/JP03/10686	Attorney's Docket Number <b>KAS-207</b>
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17. <input checked="" type="checkbox"/> The following fees are submitted:  <u>Basic National Fee (37 CFR 1.492 (a)(1)-(5)):</u>  Search Report has been prepared by the EPO or JPO ..... \$890.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$710.00 No international preliminary examination fee (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445 (A)(2)) ..... \$740.00 Neither international examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(A)(2)) paid to USPTO ..... \$1040.00  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4) ..... \$100.00  <div style="text-align: right;"> <b>ENTER APPROPRIATE BASIC FEE AMOUNT</b> = \$ <b>920.00</b> </div>				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>																			
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). + \$ <b>0.00</b>																								
<table border="1" style="width:100%"> <tr> <th>Claims</th> <th>Number Filed</th> <th>Number Extra</th> <th>Rate</th> </tr> <tr> <td>Total</td> <td>12 -20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent</td> <td>1 - 3 =</td> <td>0</td> <td>x \$84.00</td> </tr> </table>	Claims	Number Filed	Number Extra	Rate	Total	12 -20 =	0	x \$18.00	Independent	1 - 3 =	0	x \$84.00	<table border="1" style="width:100%"> <tr> <td>Multiple dependent claim(s) (if applicable)</td> <td>+ \$280.00</td> </tr> </table>	Multiple dependent claim(s) (if applicable)	+ \$280.00	<table border="1" style="width:100%"> <tr> <td><b>TOTAL OF ABOVE CALCULATIONS</b></td> <td>= \$ <b>920.00</b></td> </tr> </table>	<b>TOTAL OF ABOVE CALCULATIONS</b>	= \$ <b>920.00</b>	<table border="1" style="width:100%"> <tr> <td>Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).</td> <td>\$ <b>0.00</b></td> </tr> </table>	Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).	\$ <b>0.00</b>	<table border="1" style="width:100%"> <tr> <td><b>SUBTOTAL</b></td> <td>= \$ <b>920.00</b></td> </tr> </table>	<b>SUBTOTAL</b>	= \$ <b>920.00</b>
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. + \$ <b>0.00</b>																								
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- a. ☒ A check in the amount of \$ 920.00 to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 50-1417 in the amount of \$ 920.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1417. A duplicate copy of this sheet is enclosed.

Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

The PTO did not receive the following listed item(s) no check

SEND ALL CORRESPONDENCE TO:  
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Signature SARINATHA MALUR  
 John R. Mattingly  
 Name 84,163  
 30,293  
 Registration Number

10/500032

DT09 Rec'd PCT/PTO 24 JUN 2004

KAS-207

FP371PCT-01

LIST OF INVENTORS' NAMES AND ADDRESSES

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200 Toichi HIRATA, Ibaraki, JAPAN;  
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Yoichi KOWATARI, Ibaraki, JAPAN;  
400 Yoshinori FURUNO, Ibaraki, JAPAN;  
500 Gen YASUDA, Ibaraki, JAPAN;  
600 Hiroshi WATANABE, Ibaraki, JAPAN.